

Elisa T. Granato, PhD

BIOLOGIST

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Languages: German (native), English (fluent)



PROFESSIONAL SUMMARY

Award-winning biologist with over 10 years of research and teaching experience at world-leading universities, and a passion for creative science communication. Committed to critical thinking and combatting misinformation.

EXPERIENCE

Senior Research Scientist

Department of Biology, University of Oxford, United Kingdom

2017-2024

- **Conducted [award-winning research](#)** on the evolution of microbes, producing [six scientific publications](#).
- **Communicated research to specialist audiences:** delivered >20 [oral presentations](#) and four printed posters at international conferences, and >30 oral presentations at internal events. Collaborated with scientific illustrator to deliver effective visuals.
- **Delivered biology lectures and practical courses** to five consecutive years of undergraduate classes at Oxford.
- **Peer-reviewed >20 scientific publications** and six research grant applications.
- **Conducted extensive literature reviews** to familiarize with new topics, assess results critically, and contextualize research findings.
- **Communicated research to lay audiences:** delivered science communication via social media (>27'000 followers on [Twitter/X](#)). Collaborated with journalists and science communication specialists on popular science articles (e.g. [New Scientist](#), [University of Oxford](#)), numerous outreach projects (e.g. [Natural History Museum Oxford](#), [Science Museum London](#)) and podcasts (e.g. [Tidbits of Research](#), [Microbes and Us](#)). Produced a [video summary](#) of my research.

PhD Researcher

Department of Plant and Microbial Biology, University of Zurich, Switzerland
2013-2017

- **Conducted research** on the social behavior of microbes, producing [three scientific publications](#) and a PhD thesis.
- **Communicated research to specialist audiences:** delivered four oral presentations and three printed posters at international conferences, and >20 oral presentations at internal events.
- **Conducted extensive literature reviews** to familiarize with new topics, assess results critically, and contextualize research findings.
- **Communicated research to lay audiences:** delivered science communication via [social media](#) and participated in numerous outreach activities targeted at both German- and English-speaking audiences (Info Day Biology, Science Lab Zurich).

SKILLS

Technical

Scientific research, critical thinking, analytical thinking, science communication (oral, written, visual), data analysis, data management, data visualization, literature research, reference management, scientific writing, copy-editing, proofreading, creative problem-solving

Interpersonal

leadership, mentoring, peer-to-peer support, kindness, interdisciplinary collaboration, conflict resolution

EDUCATION

PhD in Microbiology and Evolution University of Zurich, Switzerland	2013 – 2017
MSc in Microbiology and Immunology ETH Zurich, Switzerland	2011 - 2013
BSc in Biology Ludwig Maximilian University Munich, Germany	2008 - 2011